

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("5643478").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/13 11:16
S2	18	((("5643478") or ("6096994") or ("2078891") or ("2095323"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 11:05
S3	18	((("5643478") or ("6096994") or ("2078891") or ("2095323"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 11:07
S4	0	((("7-47209") or ("5-57436") or ("59-159272"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/05 15:47
S5	6	((("0747209") or ("0557436") or ("59159272"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/05 15:48
S6	9	US-5643478-\$.DID. OR US-6096994-\$.DID. OR WO-02078891-\$.DID. OR US-1702463-\$.DID. OR US-7024631-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/19 10:55
S7	5	EP-0930125-\$.DID. OR WO-0102125-\$.DID. OR US-6133545-\$.DID. OR US-6660286-\$.DID. OR US-7822500-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/19 11:03

S8	11	EP-0930125-\$.DID. OR US-6051805-\$.DID. OR WO-0102125-\$.DID. OR US-6055700-\$.DID. OR US-6236017-\$.DID. OR US-6133545-\$.DID. OR US-1711000-\$.DID. OR JP-3047890-\$.DID. OR JP-11333563-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/19 11:05
S9	10	US-3401540-\$.DID. OR US-706111D-\$.DID. OR US-4721947-\$.DID. OR US-6041287-\$.DID. OR US-1911727-\$.DID. OR US-6233570-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/19 11:08
S10	9	((("6096994") or ("2078891"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 11:27
S11	0	219/130.210,130.1,50,121.11,125.1,124.1,137R,137PS,136,56,56.1,99.130.5,76,76.14,76.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT	ADJ	ON	2009/03/19 11:46
S12	0	219/130.21,130.1,50,121.11,125.1,124.1,137R,137PS,136,56,56.1,99.130.5,76,76.14,76.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT	ADJ	ON	2009/03/19 11:46
S13	642	219/130.21	US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT	ADJ	ON	2009/03/19 11:47
S14	0	219/130.21,130.1,50,121.11,125.1,124.1,137R,137PS,136,56,56.1,99.130.5,76,76.14,76.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT	ADJ	ON	2009/03/19 11:48
S15	0	219/130.21,130.1,50,121.11,125.1,124.1,137R,137PS	US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT	ADJ	ON	2009/03/19 11:49
S16	0	219/130.21,130.1,50,121.11	US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT	ADJ	ON	2009/03/19 11:49
S17	0	219/130.21,130.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT	ADJ	ON	2009/03/19 11:49

S18	8664	(219/130.21,130.1,50,121.11,125.1,124.1,137R,137PS,136,56,56.1,99,130.5,76,76.14,76.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/19 11:50
S19	7210	S18 and (weld\$4 or system\$2 or tun\$4 or electri\$2 or circuit\$2 or power source\$2 or control\$4 or computer\$4 or memory or calibrat\$4 or experiment\$2 or simulat\$4 or model\$4 or adjust\$4 or parameter\$2 input\$2 output\$2 or first or second or value \$2 or resistance\$2 or voltage\$2 or inductanc\$2 or current\$2 or mode\$2 or third or arc or predict\$4 or process\$3 or electrode \$2 or wir\$4 or column\$2 or measur\$4 or workpiece or metal transport\$3 or region or component\$2 or program\$4 or network \$2 or internet or robot\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 12:08
S20	6648	S19 and (weld\$4 or system\$2 or tun\$4 or calibrat\$4 or experiment\$2 or simulat\$4 or model\$4 or adjust\$4 or parameter\$2 )	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 12:10
S21	3500	S20 and (calibrat\$4 or experiment\$2 or simulat\$4 or model\$4 or adjust\$4 or parameter\$2 )	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 12:11
S22	3392	S21 and (calibrat\$4 or simulat\$4 or model\$4 or adjust\$4 or parameter\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 12:12
S23	240	S22 and (arc welding system)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 12:13
S24	31	S23 and (simulat\$4 or calibrat\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 12:37
S25	31	S23 and (simulat\$4 or calibrat\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:03
S26	3	S23 and (simulat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:03
S27	301	S22 and (simulat\$4 or calibrat\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:06
S28	122	S27 and (simulat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:07
S29	190	S27 and (calibrat\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:08
S30	2	S28 and S29 and tun\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:09
S31	17	S28 and (tun\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:10
S32	25	S28 and (welding system)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:15
S33	65	S29 and (welding system)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:22

S34	7	S23 and (tuning)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:41
S35	38	S22 and simulation	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:46
S36	90	S22 and calibration	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:53
S37	126	S22 and calibrate\$2	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:58
S38	89	S22 and simulate\$2	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 14:00
S39	24	S13 and simulate\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 14:07
S40	596	901/42	US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT	ADJ	ON	2009/03/19 14:22
S41	410	S40 and (calibrat\$4 or simulat\$4 or model\$4 or adjust\$4 or parameter\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 14:23
S42	596	S40 and (weld\$4 or system\$2 or tun\$4 or electri\$2 or circuit\$2 or power source\$2 or control\$4 or computer\$4 or memory or calibrat\$4 or experiment\$2 or simulat\$4 or model\$4 or adjust\$4 or parameter\$2 input\$2 output\$2 or first or second or value \$2 or resistance\$2 or voltage\$2 or inductanc\$2 or current\$2 or mode\$2 or third or arc or predict\$4 or process\$3 or electrode \$2 or wir\$4 or column\$2 or measur\$4 or workpiece or metal transport\$3 or region or component\$2 or program\$4 or network \$2 or internet or robot\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 14:24
S43	103	S42 and (simulat\$4 or calibrat\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 14:26
S44	1	("4825038").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/19 14:46
S45	3	S20 and simulation model	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 14:58
S46	1	S18 and (arc weld\$3 system\$2 and control\$4 and simulat\$3 model\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:00
S47	1	S13 and (arc weld\$3 system\$2 and control\$4 and simulat\$3 model\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:01
S48	460	219/130.01	US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT	ADJ	ON	2009/03/19 16:02

S49	0	S40 and S48 and S13 and (arc weld\$3 system\$2 and control\$4 and simulat\$3 model\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:04
S50	0	S40 and S48 (arc weld\$3 system\$2 and control\$4 and simulat\$3 model\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:04
S51	0	S40 and S48 (arc weld\$3 system\$2 or control\$4 or simulat\$3 model\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:04
S52	3930	S18 and (arc weld\$3 system\$2 or control\$4 or simulat\$3 model\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:05
S53	3930	S52 and (system\$2 or control\$4 or simulat\$3 model\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:06
S54	3	S52 and (simulat\$3 model\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:06
S55	620	S52 and (control\$4 system)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:19
S56	30	S55 and simulat\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:20

3/23/2009 3:24:50 PM

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